



TRELLCHEM[®]
THE SAFETY STANDARD

HANDS-FREE VISOR LIGHT SYSTEM

INTEGRATED SOLUTION FOR A BRIGHTER MISSION

The Trelchem[®] Hands-Free Visor Light System is a short throw illumination system for hands-free operation, designed to offer improved visibility and a safer working environment for the hazmat responder. With this new, integrated, lightweight solution, the responder can focus on the mission, without having the hands tied up by carrying a separate torch.

SHINING SOON IN A SHADOW NEAR YOU

The Trelchem[®] Hands-Free Visor Light System will light up the darkness or shadow area created by the responder when leaning over the trouble area (leakage), blocking any floodlight. The system will also make it easier to locate responders in a smoky environment.

The system fits in Trelchem[®] encapsulating (Level A) suits, and can easily be installed in existing Trelchem[®] type CV or VP1 suits.

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BRIGHT FEATURES & ADVANTAGES

- LED (Light Emitting Diodes) – long life time, durable quality & energy efficient
- Hands-free operation – no hands tied up by carrying a torch; both hands can focus on the mission
- Panoramic lighting – spreads the light through a wide area with no risk of blinding reflections
- Lightweight – adds minimally to the total weight carried; causes minimal “disturbance”
- Slim design – minimal interference with movement and other equipment
- Powered by standard batteries – requires no recharging management
- Water resistant
- Robust aluminium battery casing
- System mounts easily in existing Trellech™ suits
- US patent pending



TECHNICAL SPECIFICATION

- Illumination: 10 lx at 1 m distance
- Luminous flux: 47 lm
- LEDs/meter: 120
- Colour temp.: 6000K (cold white)
- Dimensions: LED holder, CV: Length 530 mm (20.9 in)
LED holder, VP1: Length 480 mm (18.9 in)
Casing: 75 x 45 x 25 mm (3.0 x 1.8 x 1.0 in)
- Total weight: approx. 200 g (0.44 lb) incl. battery
- Colour: Black
- Temp. range: Maximum: +60°C (+140°F)
Minimum: -20°C (-4°F)
- Battery: 1 x 9V (not included)
- Battery life: Standard alkaline: 1 h
Duracell Ultra Power: 2 h
Varta Lithium: 6 h at +20°C (+68°F)
- Approvals: Fulfils the requirements of the EU Directive 2004/108/EC on electro-magnetic compatibility (EMC)
- Other: The system can be used in Trellech™ suits with ATEX approval without affecting this approval
Water resistant